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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/196,338	11/19/1998	SEAN HANDEL	AC980010	9014

29838 7590 05/05/2004

OPPENHEIMER WOLFF & DONNELLY, LLP (ACCENTURE)  
PLAZA VII, SUITE 3300  
45 SOUTH SEVENTH STREET  
MINNEAPOLIS, MN 55402-1609

EXAMINER

KEMPER, MELANIE A

ART UNIT PAPER NUMBER

3622

DATE MAILED: 05/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/196,338

Applicant(s)

HANDEL ET AL.

Examiner

M Kemper

Art Unit

3622

ML

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 February 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,10,11,20,22 and 24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,10,11,20,22,24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 10-11, 20,22,24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bergh patent number 6112186 in view of Sumita et al., patent number 5907836.

Bergh teaches a method and corresponding apparatus for reporting rating information comprising: providing a database of user profiles (see at least col.3, lines 25-65); wherein a first subset of users have each submitted product/service rating data stored in the user profile (see at least col. 3, lines 45-67, col. 4, lines 15-20); receiving a request for rating information (see at least col. 6, lines 30-45, col. 14, lines 1-65, col. 33, lines 65-67); identifying a first set of user profiles of users from the first subset of users which have previously submitted rating data for the desired product/service (col. 6, lines 30-40, 50-60, col. 8, lines 20-30, col. 10, lines 10-15, col. 12, lines 20-25); mapping the personal information data in the first set of profiles along multiple dimensions to the requesting user profile (col. 8, line 40 – col. 9, line 67, col. 19, lines 40-67); filtering the first set of profiles to create a second set of a predetermined number of profiles which most closely map to the requesting user profile (col. 10, lines 35-45); determining whether the second set of profiles is sufficiently similar to the user profile to satisfy predetermined conformity requirements (col. 10, lines 45 – col. 11, line 65) . Bergh also

Art Unit: 3622

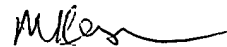
teaches repeating filtering and determining if the second set of user profiles are not determined to be sufficiently similar, creating a set of rating information and reporting the rating information (col. 10, lines 40-50, col. 11, lines 5-15, col. 16, lines 25-60). Sumita teaches repeating the filtering and determining steps when the results are not sufficiently similar (col. 56, lines 1-10, 50-55). It would have been obvious to have repeated the filtering and determining steps in Bergh as in Sumita in order to generate enough ratings for the predetermined number of rating results of Bergh.

Applicant's arguments filed on 2/13/04 have been fully considered but they are not persuasive. The applicant argues that Bergh fails to teach repeating the filtering and determining steps. The examiner disagrees since Bergh teaches repeating the filtering and determining steps at least where a new neighbor set is determined when the initial neighbor set does not have users who have rated the item. Bergh teaches that the threshold changes based on item domain and/or the size of the number of ratings. This would apply when providing the top number of users is a constraint. This at least provides the user a search result rather than providing no ratings at all based on the nearest neighbors.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to M Kemper whose telephone number is 703-305-9589. The examiner can normally be reached on M-F (9:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eric W. Stamber can be reached on 703-305-8469. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.



M Kemper  
Primary Examiner  
Art Unit 3622

MK